```
File 275:Gale Group Computer DB(TM) 1983-2006/Jan 03
         (c) 2006 The Gale Group
File 621: Gale Group New Prod. Annou. (R) 1985-2006/Dec 30
         (c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2006/Jan 02
         (c) 2006 The Gale Group
     16:Gale Group PROMT(R) 1990-2006/Jan 03
         (c) 2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2006/Dec 30
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Jan 03
         (c) 2006 McGraw-Hill Co. Inc
      15:ABI/Inform(R) 1971-2006/Jan 03
         (c) 2006 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2006/Jan W1
         (c) 2006 CMP Media, LLC
File 674: Computer News Fulltext 1989-2005/Oct W2
         (c) 2005 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2006/Jan 03
         (c) 2006 Dialog
File 369:New Scientist 1994-2005/Aug W2
         (c) 2005 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
Set
        Items
                Description
S1
      1414423
                ENCODE OR ENCODES OR ENCODING OR ENCODED OR CODES OR CODED
             OR CODING OR FORMATS OR FORMATTED OR FORMATTED OR ENCAPSULAT? -
             ?? OR COMPRESS???
                S1(5N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
S2
       254533
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S1(10N)(INTERNET()PROTOCOL OR IP OR IPX OR INTERNETWORK()P-
S3
             ACKET() EXCHANGE OR SNMP?? OR SIMPLE() NETWORK() MANAGEMENT() PRO-
             TOCOL OR NETBEUI OR NDS OR APPLETALK OR IPSEC)
                S1(10N)(((NETWORK??? OR INTERNETWORK??? OR LAYER)()(3 OR T-
S4
             HREE))(1W)PROTOCOL??)
                ENCRYPT??? OR ENCIPHER???? OR CIPHER??? OR SCRAMBL??? OR C-
S5
             RYPTOGRAPHIC? (1W) PROCESS???
                S5(7N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
S6
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S1:S2(5N)(AGAIN OR (ANOTHER OR 2ND OR SECOND)()TIME OR ONC-
S7
             E() MORE OR REPEAT? OR TWICE)
                 (REENCOD??? OR RECOD??? OR REFORMAT???? OR REENCAPSULAT????
S8
         7011
              OR RECOMPRESS???) (5N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR
             DATA OR INFORMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM?
              ? OR DATASTREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S2 (50N) S3:S4 (50N) S6 (50N) S7:S8
S9
                S2 (40X) S6 (40X) S7:S8
S10
                S2 (40X) S6 (40X) S2
S11
           59
                S9:S11
S12
           63
S13
           50
                RD
                    (unique items)
                S13 NOT PY=1998:2005
S14
           24'
S15
            4
                S9:S10
S16
            3,
                S15 NOT S14
```

S25

S26

S27 S28

S29

2746

13

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File 347: JAPIO Nov 1976-2005/Jul (Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200582
         (c) 2005 Thomson Derwent
Set
        Items
                Description
                ENCODE OR ENCODES OR ENCODING OR ENCODED OR CODES OR CODED
S1
             OR CODING OR FORMATS OR FORMATTED OR FORMATTED OR ENCAPSULAT?-
             ??
S2
       122608
                S1(5N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S1(7N)(INTERNET()PROTOCOL OR IP OR IPX OR INTERNETWORK()PA-
S3
             CKET() EXCHANGE OR SNMP?? OR SIMPLE() NETWORK() MANAGEMENT() PROT-
             OCOL OR NETBEUI OR NDS OR APPLETALK OR IPSEC)
S4
                S1(7N)(((NETWORK??? OR INTERNETWORK??? OR LAYER)()(3 OR TH-
             REE))(1W)PROTOCOL??)
                ENCRYPT??? OR ENCIPHER??? OR CIPHER??? OR SCRAMBL??? OR CR-
S5
        37006
             YPTOGRAPHIC? (1W) PROCESS???
                S5(7N)(MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
S<sub>6</sub>
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S2(5N)(AGAIN OR (ANOTHER OR 2ND OR SECOND)()TIME OR ONCE()-
S7
             MORE OR REPEAT?)
S8
                (REENCOD??? OR RECOD??? OR REFORMAT???? OR REENCAPSULAT???-
             ?)(5N)(MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFORMA-
             TION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATASTRE-
             AM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S1(10N)(INTERNET()PROTOCOL OR IP OR IPX OR INTERNETWORK()P-
S9
             ACKET()EXCHANGE OR SNMP?? OR SIMPLE()NETWORK()MANAGEMENT()PRO-
             TOCOL OR NETBEUI OR NDS OR APPLETALK OR IPSEC)
                S1(10N)(((NETWORK??? OR INTERNETWORK??? OR LAYER)()(3 OR T-
S10
             HREE))(1W)PROTOCOL??)
                S2 AND S9:S10 AND S6 AND S7:S8
S11
         2060
                S1(5N)(AGAIN OR (ANOTHER OR 2ND OR SECOND)()TIME OR ONCE()-
S12
             MORE OR REPEAT?)
S13
                S2 AND S9:S10 AND S6 AND S12
                S2 AND S6 AND S7:S8
S14
           21
                S2 AND S6 AND S12
S15
           23
           30
                S2 (40X) S6 (40X) S2
S16
                S14:S16
S17
           55
S18
           5
                S17 AND AC=US/PR AND AY=(1970:1997)/PR
                S17 AND AC=US AND AY=1970:1997
S19
           10
S20
           5
                S17 AND AC=US/PR AND AY=(1970:1997)/PR
                S17 AND PY=1970:1997
S21
           24
S22
           27
                S18:S21
S23
           27 .
                IDPAT (sorted in duplicate/non-duplicate order)
S24
        66973
                COMPRESS???(5N)(MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA
              OR INFORMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? -
             OR DATASTREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
```

(S1 OR S24)(5N)(AGAIN OR (ANOTHER OR 2ND OR SECOND)()TIME -

RECOMPRESS???(5N)(MESSAGE? ? OR PACKET? ? OR FRAME? ? OR D-ATA OR INFORMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATASTREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)

OR ONCE () MORE OR REPEAT? OR TWICE)

S24 AND S6 AND S25:S26

S24 (40X) S6 (40X) S24

S27:S28



File 348:EUROPEAN PATENTS 1978-2005/Dec W04

(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051229,UT=20051222

(c) 2005 WIPO/Univentio

| 0.5   | Th              | December   |
|---|-----------------|--|
| Set<br>S1   | Items<br>671296 | Description ENCODE OR ENCODES OR ENCODING OR ENCODED OR CODES OR CODED |
| 21  |                 | R CODING OR FORMATS OR FORMATTED OR FORMATTED OR ENCAPSULAT? -         |
|   |                 | OR COMPRESS???   |
| S2  | 176483          |  |
| U.Z   |                 | MATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-          |
|   |                 | REAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)                        |
| S3  | 5663            | · · · · · · · · · · · · · · · · · · ·                                  |
|   | AC              | KET() EXCHANGE OR SNMP?? OR SIMPLE() NETWORK() MANAGEMENT() PRO-       |
|   |                 | OCOL OR NETBEUI OR NDS OR APPLETALK OR IPSEC)                          |
| S4  | 29              | S1(10N)(((NETWORK??? OR INTERNETWORK??? OR LAYER)()(3 OR T-            |
|   | HR              | REE))(1W)PROTOCOL??)   |
| S5  | 43987           | ENCRYPT??? OR ENCIPHER???? OR CIPHER??? OR SCRAMBL??? OR C-            |
|   |                 | PTOGRAPHIC? (1W) PROCESS???  |
| S6  | 29693           | S5(7N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-           |
|   |                 | MATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-          |
|   |                 | EAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)                         |
| S7  | 17818           |  |
|   | ,               | ) MORE OR REPEAT? OR TWICE)  |
| S8  |                 | (REENCOD??? OR RECOD??? OR REFORMAT???? OR REENCAPSULAT????            |
| OR RECOMPRESS???)(5N)(MESSAGE?? OR PACKET?? OR FRAME?? OR DATA OR INFORMATION OR CONTENT OR PAYLOAD OR PDU?? OR STREAM? |                 |  |
|   |                 | OR DATASTREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)               |
| S9  | 7               | S2 (50N) S3:S4 (50N) S6 (50N) S7:S8                                    |
| S10   | 645             | S2 (40X) S6 (40X) S2   |
| S11   | 32              | S10 (50N) S3:S4  |
| S12   | 38              | S9 OR S11  |
| S13   | 1               | S12 AND AC=US/PR AND AY=(1970:1997)/PR                                 |
| S14   | 1               | S12 AND AC=US AND AY=1970:1997   |
| S15   | 1               | S12 AND AC=US/PR AND AY=(1970:1997)                                    |
| S16   | 1               | S12 AND PY=1970:1997   |
| S17   | 1               | S13:S16  |
| S18   | 260             | S2 (50N) S6 (50N) S7:S8  |
| S19   | 7614            | S2 (50W) S6  |
| S20   | 156             | S19 (50W) S7:S8  |
| S21   | 49              | S20 AND AC=US/PR AND AY=(1970:1997)/PR                                 |
| S22   | 102             | S2 (30W) S6 (30W) S7:S8  |
| 343. r.   | 18.             | S2 (40X) S6 (40X) S7:S8  |

```
8:Ei Compendex(R) 1970-2006/Dec W4
File
         (c) 2006 Elsevier Eng. Info. Inc.
      35:Dissertation Abs Online 1861-2005/Dec
File
         (c) 2005 ProQuest Info&Learning
File
      65:Inside Conferences 1993-2006/Jan W1
         (c) 2006 BLDSC all rts. reserv.
File
       2:INSPEC 1898-2005/Dec W2
         (c) 2005 Institution of Electrical Engineers
      94:JICST-EPlus 1985-2005/Oct W4
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         (c) 2005 Japan Science and Tech Corp(JST)
File
       6:NTIS 1964-2005/Dec W2
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2005/Dec W2
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
      34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W4
File
         (c) 2005 Inst for Sci Info
      99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
File
         (c) 2005 The HW Wilson Co.
File 266:FEDRIP 2005/Dec
         Comp & dist by NTIS, Intl Copyright All Rights Res
      95:TEME-Technology & Management 1989-2006/Jan W1
         (c) 2006 FIZ TECHNIK
Set
        Items
                Description
S1
      1925817
                ENCODE OR ENCODES OR ENCODING OR ENCODED OR CODES OR CODED
             OR CODING OR FORMATS OR FORMATTED OR FORMATTED OR ENCAPSULAT? -
             ?? OR COMPRESS???
                S1(5N)(MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
S2
       278273
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
                S1(10N)(INTERNET()PROTOCOL OR IP OR IPX OR INTERNETWORK()P-
S3
         1909
             ACKET()EXCHANGE OR SNMP?? OR SIMPLE()NETWORK()MANAGEMENT()PRO-
             TOCOL OR NETBEUI OR NDS OR APPLETALK OR IPSEC)
                S1(10N)(((NETWORK??? OR INTERNETWORK??? OR LAYER)()(3 OR T-
S4
             HREE))(1W)PROTOCOL??)
                ENCRYPT??? OR ENCIPHER???? OR CIPHER??? OR SCRAMBL??? OR C-
S5
             RYPTOGRAPHIC? (1W) PROCESS???
                S5(7N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR DATA OR INFO-
S6
             RMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM? ? OR DATAS-
             TREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
             S1:S2(5N)(AGAIN OR (ANOTHER OR 2ND OR SECOND)()TIME OR ONC-E()MORE OR REPEAT? OR TWICE)
S7
                 (REENCOD??? OR RECOD??? OR REFORMAT???? OR REENCAPSULAT????
S8
         1714
              OR RECOMPRESS???) (5N) (MESSAGE? ? OR PACKET? ? OR FRAME? ? OR
            DATA OR INFORMATION OR CONTENT OR PAYLOAD OR PDU? ? OR STREAM?
              ? OR DATASTREAM? ? OR DATAGRAM? ? OR SIGNAL? ? OR TRAFFIC)
S9
                S2 AND S3:S4 AND S6 AND S7:S8
                S2 AND S6 AND S7:S8
S10
            9
                S2 (40X) S6 (40X) S2
           26
S11
S12
           35
                S10:S11
S13
           18
                RD
                    (unique items)
                S13 NOT PY=1998:2005
```

S14

6